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(54) CORRECTION DEVICE FOR ILLUMINANCE UNEVENNESS
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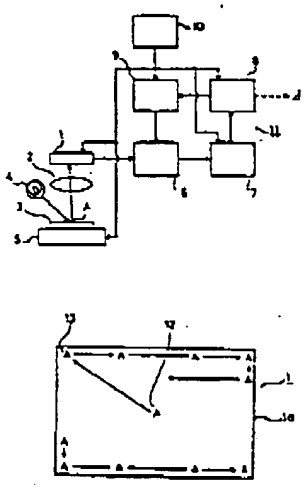
PURPOSE: To obtain a binary-coded signal representing correctly an object to be recognized by providing a threshold memory that generates a threshold corresponding to the brightness of illumination on the object to be recognized at a threshold setting means.

CONSTITUTION: An X-Y table 5 is moved so that the part A to be recognized of an object 3 to be recognized is image-formed at a center 12 on the image forming area 1a of an image pickup element 1, and a picture signal is written on a picture data memory 7 through a binary-coded circuit 6 and also, is stored on a memory within a picture process part 8 as a reference pattern. Next, the part A to be recognized is shifted to an original point 13 moving the X-Y table 5, and calculating the threshold having the best matching characteristic with the reference pattern against the image-formed part A to be recognized, it is written on a threshold memory 9. Following that, it is shifted in the same operation as the scan of a scanning line, the optimum threshold of the whole image-forming area 1a can be obtained. At the next, the content of the threshold memory 9 is impressed on the binary-coded circuit 6, and also, picture data impressed on it, and through the picture data memory 7, it is outputted after a prescribed conversion process at the picture process part 8.



10: control part, a: output of process result

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